CNC NESTING ROUTER

Automatic tool changing for cabinet and furniture production

ALPHA 1328A



Panel cutting and machining

Routing, drilling and grooving for cabinet components



9 KW	12 tools	65 m/min	20 m/min
ATC spindle	Linear tool magazine	Rapid travel	Max. machining speed

Key functions

01 **9 kW ATC spindle**

Automatic tool changes support multi-operation panel machining.

02 **12-position tool magazine**

Linear tool storage provides access to different routing and drilling tools.

03 **Servo-driven motion**

Servo positioning with rack-driven X/Y axes and screw-driven Z axis.

04 **Vacuum hold-down table**

A reinforced vacuum table holds panels during machining.

05 **Multiple machining processes**

Cutting, drilling, grooving, chamfering and engraving for panel components.

06 **Material handling options**

Automatic loading and unloading are available to suit the production setup.

Machine details and applications

Tool changing, machine structure and panel handling



Spindle and tool magazine

The 9 kW automatic tool-change spindle works with a 12-position linear magazine for varied panel operations.



One-piece machine frame

A heavy one-piece bed and high-strength guides support stable movement during machining.



Panel joinery and profiling

Machines grooves and connector slots for cabinet and furniture components, with suitable tooling and programs.



Panel auto loading and unloading

Twin suction cups and an assisted feed arrangement support panel transfer. Automatic loading/unloading is optional.

Cabinet production

For panel furniture carcasses and door panels, with machining processes for two-in-one and three-in-one connector fittings.

Technical specifications

ALPHA 1328A configuration

Specification	Value
Model	1328A
Working area	2800 × 1220 mm
Rapid travel	65 m/min
Max. machining speed	20 m/min
Spindle	9 KW, automatic tool change
Tool magazine	12-position linear
Drive system	Servo drives
Gearboxes	Japanese Shinpo
Transmission	X/Y rack, Z screw
Table	Reinforced vacuum table
Loading device*	Pneumatic twin suction cups
Air pressure	≥0.6 MPa (6 bar)
Electrical supply	3-phase 415 V / 50 Hz
Dimensions (L × W × H)	4300 × 2200 × 2400 mm

Applications

- **Kitchen cabinet panels**
- **Furniture panels**
- **Wardrobe components**
- **Cabinet doors**
- **Interior joinery panels**



**Loading equipment depends on the selected configuration. Confirm the final supply specification.*

ALPHA CNC GROUP

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